

Product datasheet for **MC201903**

Stx3 (NM_001025307) Mouse Untagged Clone

Product data:

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|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | Stx3 (NM_001025307) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Stx3 |
| Synonyms: | Syn-3 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | PCMV6-Kan/Neo (PCMV6KN) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >BC024844 sequence for NM_001025307
 GCCCCGGCCGGCAGCCGCCGCCGCTCCAGGCCGCTCACTTGGGACGCGCTCACCTGAGACAAGGCGCCCG
 CCGCCCTCACCTGGGCCAGGATGAAGGACCGGCTGGAGCAGCTGAAGGCCAAGCAGCTGACGCAGGATGA
 TGACACGGACGAGTTGAGATTGCCATTGACAACACAGCCTTCATGGACGAGTTCTTCTCTGAGATCGAG
 GAAACACGGCTCAACATTGACAAGATCTCGGAGCATGTAGAGGAAGCTAAGAACTCTACAGTATCATT
 TCTCTGCACCGATCCCAGAGCCAAAAACCAAAGATGACCTTGAACAGCTCACAACAGATGAGTCAAGAAAA
 GGCCAAACAACGTCGGAAACAAGCTGAAGAGCATGGAGAAGCACATTGAGGAAGATGAGGTTCCGGTCACT
 GCAGACCTTCGGATACGAAAGTCCCAGCACTCCGTCTCTCCCGAAGTTTGTGGAGGTGATGACAAAGT
 ACAATGAGGCTCAGGTGGACTTCCGTGAACGCAGCAAAGGGCGCATCCAACGGCAGCTTGAAATTA
 CAAGAAGACAACAGATGAGGAGCTGGAAGAGATGTTGGAGAGTGGCAACCCAGCCATCTTCACTTCTGGG
 ATCATTGACTCCCAGATTTCCAAGCAAGCCCTCAGCGAGATTGAGGGTCGGCACAAGGACATCGTAAGGC
 TGGAGAGCAGCATCAAGGAGCTCCATGACATGTTTATGGACATCGCCATGCTGGTGGAAAATCAGGGAGC
 CATGATTGACCGATTGAGAACAACATGGACCAGTCAGTGGGCTTTGTGGAACGGGCTGTGGCAGATACC
 AAAAAGGCGGTCAAGTATCAGAGTGAAGCCCGGAGGAAGAAGATCATGATCATGATCTGCTGATTATCC
 TTGCCATCATCTTGGCTTCTACCATTGGGGGCATATTTGCCTGAAAAAGATGGGATCTCAACGGGCATCT
 GCAATCTTCCACCTCTGTGGTGCCATCATGTCTCCCTCAGTCTTCTCAGCTATGTCTCTTTCTACTAG
 GAAACTCACAACACAGGGCACCATCAACTGTTTATTAATGAACAAATTAATGAAAATGTAGAATTGAA
 AGAGATAGGGATGAAGGAACAGGGAGCACGGCAATATACAGTTGGTTTAGATGGCCCTTAAAGGTCTGGC
 CTGCATGGTAGAGAGACATAACGAACGGGTCCCTGTTTAGAGCACAACACACACAGCCTGAAGGCCAG
 GATGGTGGTGAAGAGGCAGGCATTACAACATGCCCAACTCAACAGGGTCATACTGAACTCAGTGAAGGCTG
 TCTCTCAGATCATGGTACTCCCTACTTTACTCTAATGGCTCTTCTAGGTCGCATTTTAAACCAACCACA
 TGTCTGCTTCTCTTTCAGGGTCCAAGAATAGTTTTTAATTCATAGATTGTTAAGGATAGGCACTATGC
 CTATCTCGAATACTACCATGTCCTTCTTTAGCACACAGTGCCTGCCACTTTCAGATGTCTGCTTACTT
 ATAGTCAAGCTTTGATTTTCACTTATGATGGATGAGTCTTTGAGCTTTGCTTTAACTCTTTAAGGTACCATTG
 GGAACATGATTTTTTATTAATCAGAGGCACATAGAAAAATATGGCAACACCCCTATTACCATACCATACC
 TGTACAGTGTCTGTTTTGAGGGATGGTGTCTTATGTAGAAGCTGGCTTTGTATTGATGGTATAAAATTC
 TATTAGTACTCTCATTTGTGAGAGATGATGTTGGTCTCAGGATGGAGGTTTCAATAAAATTCATTCC
 TCCAACAAAAGAAAGAAGTTTATACTATGACCCAGCTCCCAAACAAGCACACCATGTTATCTGGAACAAT
 GGAAGGAAGCCAAGGGGATAAAGTGGGACGAGGCTGCTGCTTCAGCCTCACCATGTCTGTGGTAGAATAG
 GCTGCAGGTGAGTAAAATGTGCAAGAACTGGTCCAAACACATTTCTAACTCAAGTGTCACTGTGTTCCA
 CTTTAAAAATAATTTACTTTGAGACTATTACATTTTACATTCATTAATAAAATGAAAACTGCGTCTA
 ACTTTTGAAGTAAGTGTAACTTACTTGAATGCTGGTTCCCCCGAAAAACTGATTAATCTTGTGTTACGG
 ACAAAATGAAGCTGGCACCATGAAGTTTTGGATCATGAGGACCCCTCAATTATCCAGCAGTGTGTGTGTC
 TCTACATACTAGCTCCTAAAGGGACAGAGAGCCAAGATGCCCTCCTTAGCTAGCTTCCAGATCTAGGA
 AGGGTTTCAACTTTTGTAAAGTTCTTTGCTAAATTCCTTGTATATCCATGTTTTCCCTTCTGAGAC
 TGACAGAAAGATGGGCAGCTGGGCATTAATAATATCTGTTGAACCCACTAAAAAAAAAAAAAAAAAAAA
 AA

Restriction Sites: RsrII-NotI

ACCN: NM_001025307

Insert Size: 864 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [BC024844](#), [AAH24844](#)

RefSeq Size: 2495 bp

RefSeq ORF: 864 bp

Locus ID: 20908

UniProt ID: [Q64704](#)

Cytogenetics: 19 A

Gene Summary: Potentially involved in docking of synaptic vesicles at presynaptic active zones.
[UniProtKB/Swiss-Prot Function]